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(54) DECOMPOSITION OF NITROGEN TRIFLUORIDE

(57)Abstract:

PURPOSE: To efficiently decompose NF3, by contacting NF3-containing gas with a substance based on at least one or more kind of a reducing catalyst, alumina and silica.
CONSTITUTION: At least one kind of a reducing catalyst such as Ni, Fe, Co, Pt, Rh or Pd infiltrated in diatomaceous earth or alumina or an alumina gel, a silica gel or zeolite based on alumina or silica is contacted with NF3- containing gas at 20°C for more. By this method, NF3 is decomposed and a component other than N2 becomes hard to generate.

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